

REMARKS

Claims 12-15 and 18-23 remain in the application for consideration of the Examiner with Claims 16 and 17 standing cancelled.

Reconsideration and withdrawal of the outstanding rejections are respectfully requested in light of the above amendments and following remarks.

Turning now to the art rejection, Claims 16, 17, and 18 were rejected under 35 U.S.C. § 103 as being unpatentable over Ramalho in view of Leighton and further in view of alleged admitted prior art; and Claims 19 and 20 were rejected under 35 U.S.C. § 103 as being unpatentable over Ramalho in view of Leighton.

These rejections are respectfully traversed.

It is respectfully submitted that Ramalho does not disclose or suggest the presently claimed invention including that the first current source coupled to the current mode generator and being programmable in independent Claim 18.

Applicants agree with the Examiner as evidence by the top of page 4 of the Office Action that Ramalho does not disclose this feature.

Leighton does not disclose or suggest the presently claimed invention including the first current source coupled to the current mode generator and being programmable as defined in independent Claim 18.

Again, Applicants agree with the Examiner as evidence by the top of page 4 of the Office Action.

It is respectfully submitted that the alleged admitted prior art does not disclose or suggest the presently claimed invention including a current mirror coupled to the current mode generator and to the H-bridge circuit, the first current source is programmable.

The alleged admitted prior art does not disclose or suggest the aspects of the presently claimed invention and cannot achieve the advantages of the presently claimed invention.

Consequently, Applicants submit that Claim 18 is allowable.

It is respectfully submitted that Ramalho does not disclose or suggest the presently claimed invention including the second current source coupled to the overshoot system in independent Claim 19.

Applicants agree with the Examiner as evidence by the top of page 5 of the Office Action.

Leighton does not disclose or suggest the presently claimed invention including the first current source coupled to the common mode generator and the second current source coupled to the overshoot system as defined in independent Claim 19.

Whether or not Leighton discloses a overshoot circuit and suppresses ringing in the driver circuit is of not moment since Leighton still does not disclose the first and second current source.

Applicants appreciate the indication that Claims 12-15 and 23 are allowed.

Furthermore, Applicants appreciate the indication that if Claims 21 and 22 were written in independent form including the limitations of the base claim and any intervening claims, these claims would be allowable.

Claim 21 has been placed in independent form.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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